HARNESS KIT

: IIN D412-702 REV E

: D412702043B

: N/A

: 3/14/2008

: E

: DART 5-MAN 3-POINT FWD FACING SHOULDER

Qty:

1 Um:

Each

Date:

Tuesday, 3/11/2008 7:31:24 AM

Jser

Kim Johnston

Process Sheet

Drawing Name

Part Number

Material

Due Date

Drawing Number

Project Number

Drawing Revision

: CU-DAR001 Dart Helicopters Services Customer

Job Number : 37699

: 12866 Estimate Number

P.O. Number

: 3/11/2008 This Issue*

: NC

Prsht Rev. : 11

First Issue : 37313 Previous Run

Written By

Checked & Approved By

Comment

est rev \$4.07.05.10 new issue EC

S.O. No. :

Est Rev:D 07-07-06 As per Rev E JLM

Type : SMALL /MED FAB

est rev C 07.06.20 changed AN44 4A to AN444A

Additional Product

Job Number: ob Number



(คริกาสโล ได้เลา" Seq.#ber 1. 1650年01

at Pay. rad for sun y Machine Or Operation:

Description:



DOCUMENT CONTROL

Comment: DOCUMENT CONTROL

Photocopy bluefile & type labels per PPP D412-702-043B CHG002

28/03/13

D412702059

GRÖMMET KIT



Comment: Qty.:

1.0000 Each(s)/Unit Total:

1.0000 Each(s)

GROMMET KIT

batch:

HARNESS ASSEMBLY



THE TOP IT

1.0000 Each(s)/Unit Total:

1.0000 Each(s)

Comment: Qty.:

HARNESS ASSEMBLY-

batch:

HARNESS ASSEMBLY

3:0

D412702103B

Comment: Qty.:

1 0000 Each(s)/Unit Total:

1.0000 Each(s)

HARNESS ASSEMBLY

batch:

5.0

D412702105B

HARNESS ASSEMBLY

08/03/16

Comment: Qty.:

1.0000 Each(s)/Unit Total:

1.0000 Each(s)

HARNESS ASSEMBLY

Dail Ae	ospace	5 Liu	2						
W/O:			WC	RK ORDER CHAN	GES				
DATE	STEP	PR	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approvai QC Inspector		
						·			
Part No):	PAR #:	Fault Cate	NCR: Yes	No DQ	A:	Date:		
					QA:	N/C Close	d:	Date: _	
NCR:				R NON-CONFORM	MANCE (NC	R)			
DATE	STEP	Description of NC	<u> </u>		ection B Sign		cation		Approval
		Section A	Initial Chief Eng	Action Description Chief Eng	Dat	e Sect	ion C	Chief Eng	QC Inspector
				,		:			

i i	sday, 3/11/2008 7:31:24 AM Johnston		Process Shee	st.		
		Ormina			INT FWD FACING SHOULD	ER HARNESS
• Customer:	CU-DAR001 Dart Helicopters	Services	Drawing	KIT	INT I VID I ACINO CITOCEDI	21(1)/1(1/200
Job Number:	27600		Part Ni	umber: D412702043B		
Job Number:	10000	180)	1 diviso	imper, 5 7 12 7 52 5 5	<u></u>	<u> </u>
JOD NUMBEL						
2 - H.		1881 -		Description :		
Seq. #:	Machine Or Operation:	<u> </u>	<u> </u>	Description :	and the second s	
6.0	D412702107B		HARNESS ASSEMBLY			Security Sec.
	10000 51-(-)	"'' Tatal	4 2000 Fash(a)			. , 981.11
Comme	ent: Qty.: 1.0000 Each(s)/ HARNESS ASSEMBLY	Unit Total:	1.0000 Each(s)	N _	/ ,	
	batch:	37709) New Batch	128	0X63/13	(X)
7.0	D412702109B		HARNESS ASSEMBLY	7	Linding (1911)	V V/ 1 H
74 - Mar.						
Comme		/Unit Total :	1.0000 Each(s)			<u> </u>
Us. 53, 42	HARNESS ASSEMBLY	UIIIL I Ulai .	1.000 Lacino,	wich N	$\sim 1^{\circ}$	
Patrumber	batch:	AP	37710) Bo	rich ()	08/03/17	3 (X)
8.0	D35421		BRACKET	J	——————————————————————————————————————	
The same superior and the same server				•		ogen a novembe nazavnego navido ni o
Comme	ent: Qty.: 2.0000 Each(s)/	'Unit Total :	2.0000 Each(s)		111811111111111111111111111111111111111	3. 3. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.
> 4.5	RDACKET		2.0000 2.00.1(-)	λo	9	
·	batch: 342	9/		AS .	08/03/12	(E)
9.055,555			GUIDE ·		, , (100)(101)(101)	e e e e e e e e e e e e e e e e e e e
(
Comme	ent: Qty.: 3.0000 Each(s)/	Unit Total :	3.0000 Each(s)	4	1155111 2010 1991	a. In the late of the contract
0	GUIDE			$\int \int O^*$	~/)).~	
	batch: 326	529	0.405	<u> </u>	08/03/12	<u>(49</u>
10.0	D35713		GUIDE		T (FR) (T. ALT) (JAK)	,
Comme	ent: Qty.: 2.0000 Each(s)/	Unit Total :	2.0000 Each(s)			
50 1 E	GUIDE C316	- ۱ ۵		ΛQ	01-12	
11.0 -	D3578041	569	DOUBLER .	18.3	C1/50/30	-(x)
) 11.0 j s sm			DOODLEIN			***
Comme		Unit Total	6.0000 Each(s)			V * A) * *******************************
	DOUBLER batch: 365	340		<u>Ne</u>	61/50/80	
12.0	D3610041	<u> </u>	BRACKET	<u></u>	2010 /114	<u> </u>
		·				5 % F
Comme	ent: Qty.: 2.0000 Each(s)/	Unit Total:	2.0000 Each(s)	1		
	BRACKET B3	4085		AR 58	(1/2/12	(I)
	Daton	<i>400</i>		13-0	319 710	
-						

W/O:			WO	RK ORDER CHANGES	3			
DATE	STEP	PR	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto		
Part No	:	PAR #:	Fault Categ	jory:	NCR: Yes	No DQA:	Date: _	
					QA: N	/C Closed:	Date: _	
NCR:			WORK ORDE	ER NON-CONFORMAN	CE (NCR)		
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approva QC Inspecto
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign &		Approval Chief Eng	Approva QC Inspecto
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign &		Approval Chief Eng	Approva QC Inspecto
DATE	STEP	Description of NC Section A	Initial	Action Description	Sign &		Approval Chief Eng	Approva QC Inspecto
DATE	STEP	Description of NC Section A	Initial	Action Description Chief Eng	Sign &		Approval Chief Eng	Approva QC Inspecto

User: Kim Johnston	Process Sheet			
Customer: CU-DAR001 Dart Helicopters Services	Drawing Nan	ne: DART 5-MAN 3-PC KIT	INT FWD FACING SHOULDER H	ARNESS
Job Number: 37699	Part Numb	er: D412702043B		
Job Number:				
Seq. #: Machine Or Operation:		Description :		
13.0 D36181	CAP			
Comment: Qty.: 2.0000 Each(s)/Unit Total:	2.0000 Each(s)	· .		
batch:32426		J.S.	<u> </u>	Ø
14.0 AN410A	Bolt			
Comment: Qty.: 4.0000 Each(s)/Unit Total:	4.0000 Each(s)		1100(110)111111111111111111111111111111	
Bolt batch: MIGIQ91		AR	08/63/12	(2)
15.0, AN444A	Bolt	- Pi		
and Committee to the first	<u> </u>	· ·	4000.00	er rees es massione ees
Comment: Qty.: 2.0000 Each(s)/Unit Total:	2.0000 Each(s)	١		
batch: M 10 7866	Screw	<u> </u>	08/03/12	X
16.0;, MS24693S274	Gold# :	C		
Comment: Qty 2.0000 Each(s)/Unit Total :	2.0000 Each(s)			E-124
Screw batch: MI64214		\&	SK(13/12	(x)
17.0 MS24694S56	SCREW .	ć.		
Comment: Qty: 3,0000 Each(s)/Unit Total:	3.0000 Each(s)	Ň.		,
batch: <u>Mio 4407</u>		<u> </u>	08/03/12	(II)
18.0 MS24694S58	Screw	'n		
Comment: Qty.: 2.0000 Each(s)/Unit Total:	2.0000 Each(s)			S. A.
Screw batch: MIT735	· <u> i </u>	AS	08/03/12	(X)
MS24694S60	Screw	·		
Comment: Qty.: 1.0000 Each(s)/Unit Total:	1.0000 Each(s)	1		•
Screw MI04407		AS: 08	103/12	E
				-

Dart Ae	· oopuoo =								
W/O:			WC	RK ORDER CHANGES	;				
DATE	STEP	PR	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
Part No	:	PAR #:	Fault Categ	jory: I					
NCR:			WORK ORDE	R NON-CONFORMAN			a:	Date:	
	T -			Corrective Action Section B					
	1 1	Description of NC	(Corrective Action Section E		Vorifi	aation	Anneousl	Annaval
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign Date	& Sect	cation ion C	Approval Chief Eng	Approval QC Inspector
DATE	STEP		Initial	Action Description	Sign	& Sect			
DATE	STEP		Initial Chief Eng	Action Description	Sign	& Sect			
DATE	STEP		Initial Chief Eng	Action Description	Sign	& Sect			
DATE	STEP		Initial Chief Eng	Action Description	Sign	& Sect			
DATE	STEP		Initial Chief Eng	Action Description	Sign	& Sect			

	day, 3/11/2008 7:31:24 AM	
	Johnston Process Sheet	
Customer:	CU-DAR001 Dart Helicopters Services Drawing Name: DART S	5-MAN 3-POINT FWD FACING SHOULDER HARNESS
Job Number:	37699 Part Number: D41270	02043B
Job Number:		
Seq. #:	Machine Or Operation: Description	n:
20.0	AN960JD416 Washer	
Commer	nt: Qty.: 6.0000 Each(s)/Unit Total : 6.0000 Each(s) Washer	
	batch: 106277	AS 0863/12 (A)
21.0	AN960JD416L Washer	
Jos N. Commer		
Angeline dan a din Angelingan	Washer MI06785	AS 08/03/12 00
22,0	MS21042L4 Nut	and the second s
Commer	•	
	Nut batch: <u>M</u> 105938	AS 08/03/12 (X)
23.0), 17. 19.0	CR321244 Cherry Rivet OK Fram Chartal 4-04 Same the You should change the point	ing.
Commer	nt: Qty.: 12.0000 Each(s)/Unit Total: 12.0000 Each(s)	Tentered in Comp.
	batch: M107214x5 M107008x7	08/03/12
24.0	QC5 INSPECT WORK TO CURRENT STEP	
		08(13(40)
. 25.0	PACKAGING 1 PACKAGING RESOURCE #1	and the second of the second o
Commer	nt: PACKAGING RESOURCE #1 Identify and pack for shipping as per PPP D412-702-043B CHG001	
A service of sweetings of the service of	Location	
26.0	PPP Rev: ReuS QC21 FINAL INSPECTION/W/O RELEASE	0x/03/13 (XI)
And the Anti-		
Commen	it: FINAL INSPECTION/W/O RELEASE	D) 28/03/13
Job Completion	20	66(3(1) (1)

W/O:			WC	ORK ORDER CHAN	NGES				
DATE	STEP	PROCEDURE CHANGE					Oate Qty	Approval Chief Eng / Prod Mgr	Approva QC Inspecto
Part No):	PAR #:	Fault Cate	gory:	NCR: Ye	s No	DQA:	Date: _	
					QA	N/C	Closed:	Date: _	
NCR:		,	WORK ORD	ER NON-CONFORI	MANCE (NO	CR)			
DATE	STEP	Description of NC		ection B		Verification	Approval	Approva	
DAIL	SILF	Section A	Initial Chief Eng	Action Description Chief Eng	n Sigı Da	า & 📗	Section C	Chief Eng	QC Inspecto
	<u> </u>								
							·		

QTY -041B	QTY -043B	QTY -045B	QTY -047B	QTY -049B	Part Number	Description
Х					D412-702-041B	Dart 13-Man 3-Point Shoulder Harness Kit
	Х				D412-702-043B	Dart 5-Man 3-Point Forward Facing Shoulder Harness Kit
		Х			D412-702-045B	Dart 4-Man 3-Point Aft Facing Shoulder Harness Kit
		<u>.</u> _	Х		D412-702-047B	Dart 4-Man 3-Point Side Facing Shoulder Harness Kit
				Х	D412-702-049B	Dart 1-Man 3-Point Forward Shoulder Harness Kit
1	1		1	1	D412-702-059	GROMMET KIT
2	1		1		D412-702-101B	HARNESS ASSEMBLY
1*	1*		1*		D3573-7	ADAPTER
1*	1*		1*		D3579-046	SHOULDER HARNESS
1*	1*		1*		K6.2	CLIP
4*	4*		4*		MS24693S272	SCREW
4*	4*		4*		AN960JD10LL	WASHER
. 4*	4*		4*		MS21042L3	NUT
2	1		1		D412-702-103B	HARNESS ASSEMBLY
1*	1*		1*		D3573-8	ADAPTER
1*	1*	·	1*		D3579-045	SHOULDER HARNESS
1*	1*		1*		K6.2	CLIP
4*	4*		4*		MS24693S272	SCREW
4*	4*		4*		AN960JD10LL	WASHER
4*	4*		4*		MS21042L3	NUT
1	. 1			1	D412-702-105B	HARNESS ASSEMBLY
1*	1*			1*	D3573-1	ADAPTER
1*	1*			1*	D3579-046	SHOULDER HARNESS
1*.	1*			1*	K6.2	CLIP .
4*.	4*			4*	MS24693S273	SCREW
4*	4*			4*	AN960JD10LL	WASHER
4*	4*			4*	MS21042L3	NUT -
1	. 1				D412-702-107B	HARNESS ASSEMBLY
1*	1*				D3573-3	ADAPTER
1*	1*				D3579-046	SHOULDER HARNESS
1*	1*	<u> </u>			K6.2	CLIP
4*	4*				MS24693S272	SCREW
4*	4*				AN960JD10LL	WASHER
4*	-4*				MS21042L3	NUT
1	1				D412-702-109B	HARNESS ASSEMBLY
1*	1*				D3573-3	ADAPTER SHOULDER HARNESS SHOP COPY
1*	1*				D3579-045	SHOULDER HARNESS SHULL
1*	1*				K6.2	CLID
4*	4*				MS24693S272	SCREW ENGINEERS CO
4*	4*				AN960JD10LL	WASHER
4*	4*				MS21042L3	NUT UNCO TO AMELIA

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Revision: E

Date: 07.06.27

QTY	QTY	QTY	QTY	QTY	Part Number	Description
-041B	-043B	-045B	-047B	-049B	T dit (tdillbo)	
2		2		<u> </u>	D412-702-111B	HARNESS ASSEMBLY
1*		1*			D3570-1	BRACKET
1*		1*		·	D3579-047	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
4*		4*			MS21042L3	NUT
4		7				
2		2			D412-702-113B	HARNESS ASSEMBLY
1*		1*			D3570-2	BRACKET
1*		1*			D3579-048	SHOULDER HARNESS
4*		4*			MS24694S50	SCREW
4*		4*			AN960JD10L	WASHER
4*		4*			MS21042L3	NUT
					D412-702-115B	HARNESS ASSEMBLY
1			1*			ADAPTER
1*					D3573-5	SHOULDER HARNESS
1*.			1*		D3579-046	CLIP
1*			1*		K6.2	SCREW
4*			4*		MS24693S272	
4*			4*		AN960JD10LL	WASHER
4*		7	4*		MS21042L3	NUT
1			1		D412-702-117B	HARNESS ASSEMBLY
1*		`	1*		D3573-5	ADAPTER
1*			1*		D3579-045	SHOULDER HARNESS
1*			1*		K6.2	CLIP
4*			4*		MS24693S272	SCREW
4*			4*		AN960JD10LL	WASHER
4*			4*		MS21042L3	NUT .
					50540.4	DDAOVET
2	2 .				D3542-1	BRACKET
7	3		4	1	D3571-1	GUIDE
2	2				D3571-3	GUIDE
2		2			D3572-041	GUIDE ASSEMBLY
12	66		6	2	D3578-041	DOUBLER
2	2				D3610-041	BRACKET
2	2				D3618-1	CAP
4	4				AN4-10A	BOLT
2		2			AN4-16A	BOLT
4		. 4			AN4-25A	BOLT
2	2				AN4-44A	BOLT
2	2				MS24693S274	SCREW
3	3			11	MS24694S56	SCREW
10	2		8.		MS24694S58	SCREW
1	11			11	MS24694S60	SCREW WASHER SHOP COPY
26	6	20			AN960JD416	WASHER SHOP COF 1
4	4				AN960JD416L	WASHER SHOTO
12	6	6	40		MS21042L4	NUT ENGINEERING RIVET UNIONTROLLED CO
24	12		12	4	CR3212-4-4	RIVET

*DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE

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Revision: **E**

Date: 07.06.27